

1/5

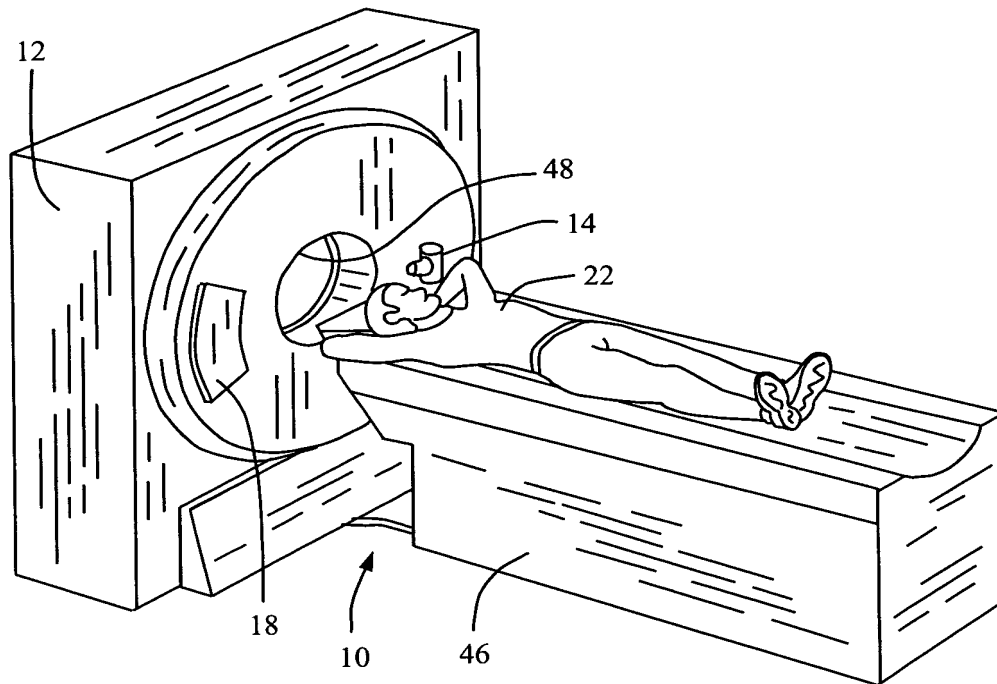


FIG. 1

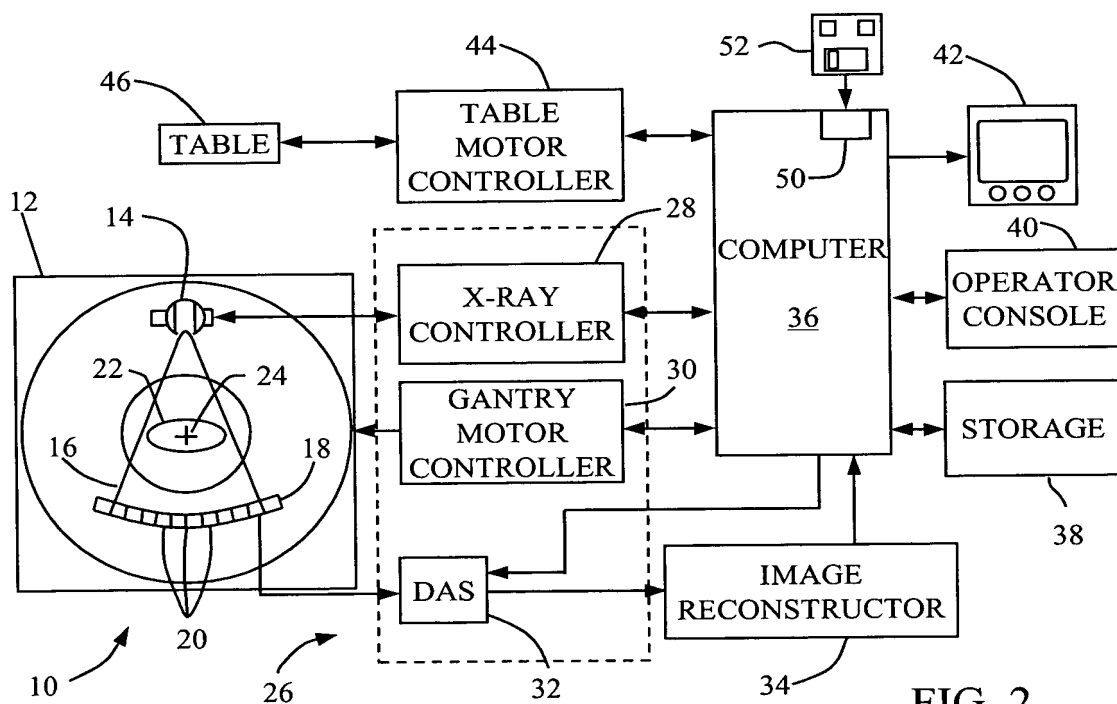


FIG. 2



TITLE: METHODS AND APPARATUS FOR TRUNCATION COMPENSATION

INVENTOR: Jiang Hsieh et al.

S.N.: 10/602,565

DOCKET: 129993

Atty Name: Thomas M. Fisher; PHONE: (314) 621-5070

2/5

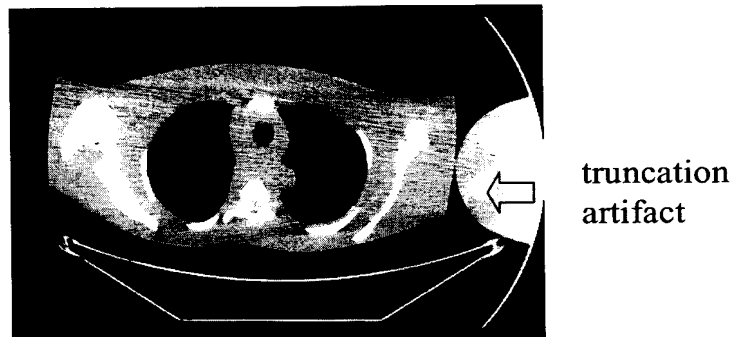


FIG. 3 Illustration of truncated artifacts

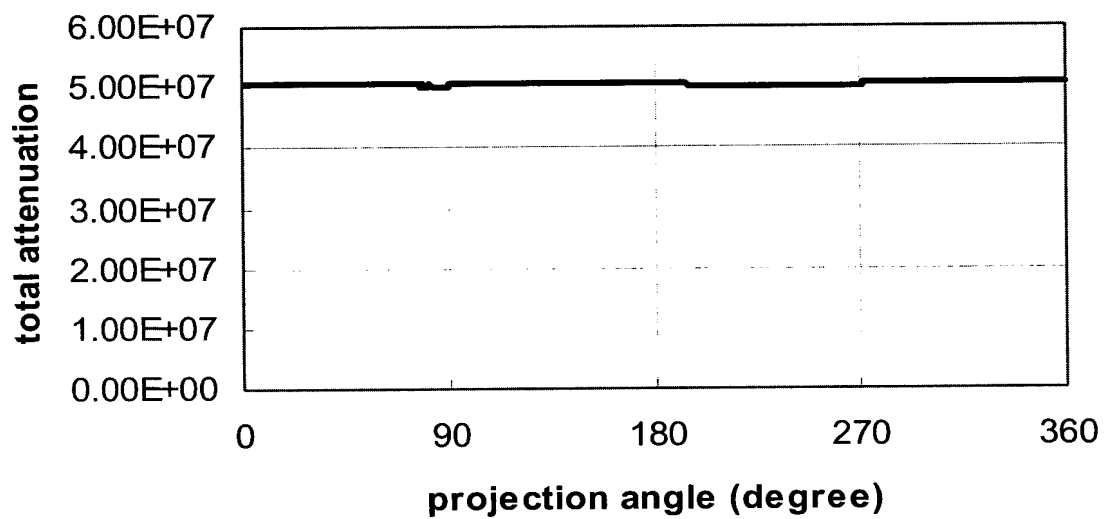


FIG. 4 Total attenuation integrated over all channels as a function of projection angle for a chest phantom



TITLE: METHODS AND APPARATUS FOR TRUNCATION COMPENSATION
INVENTOR: Jiang Hsieh et al.
S.N.: 10/602,565
DOCKET: 129993
Atty Name: Thomas M. Fisher; PHONE: (314) 621-5070

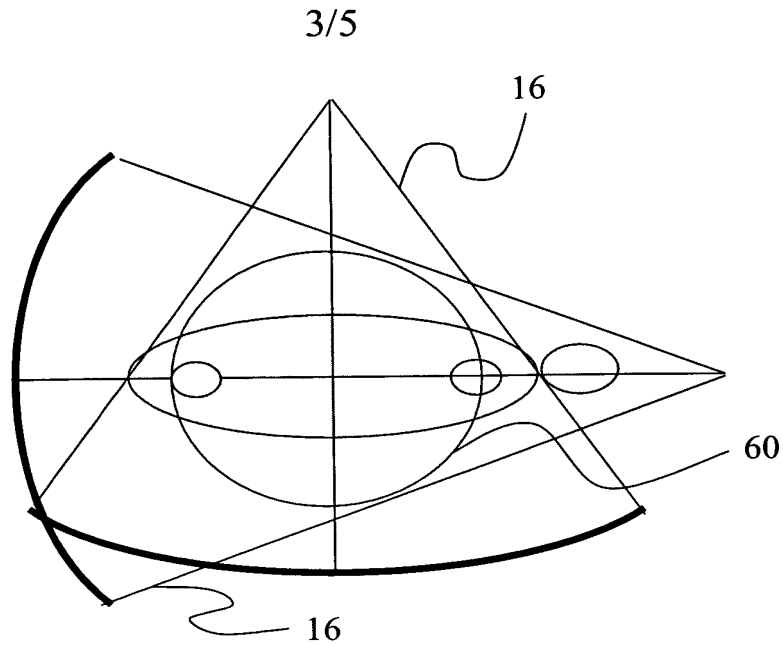


FIG. 5 Illustrations of truncation in a clinical setting.

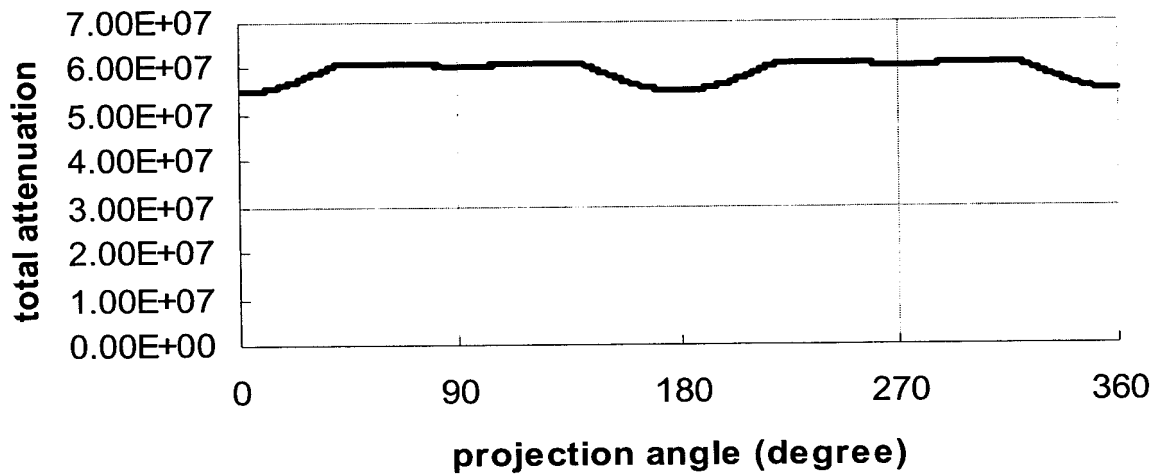


FIG. 6 Illustration of the impact of truncation projection on total attenuation



4/5



FIG. 7 Illustration of slopes and boundaries estimation

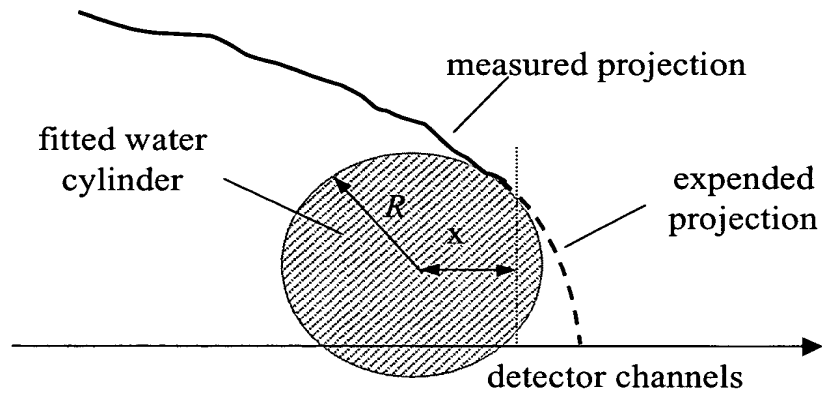


FIG. 8 Illustration of fitted water cylinder for truncated projection



TITLE: METHODS AND APPARATUS FOR TRUNCATION COMPENSATION

• INVENTOR: Jiang Hsieh et al.

S.N.: 10/602,565

DOCKET: 129993

Atty Name: Thomas M. Fisher; PHONE: (314) 621-5070

5/5

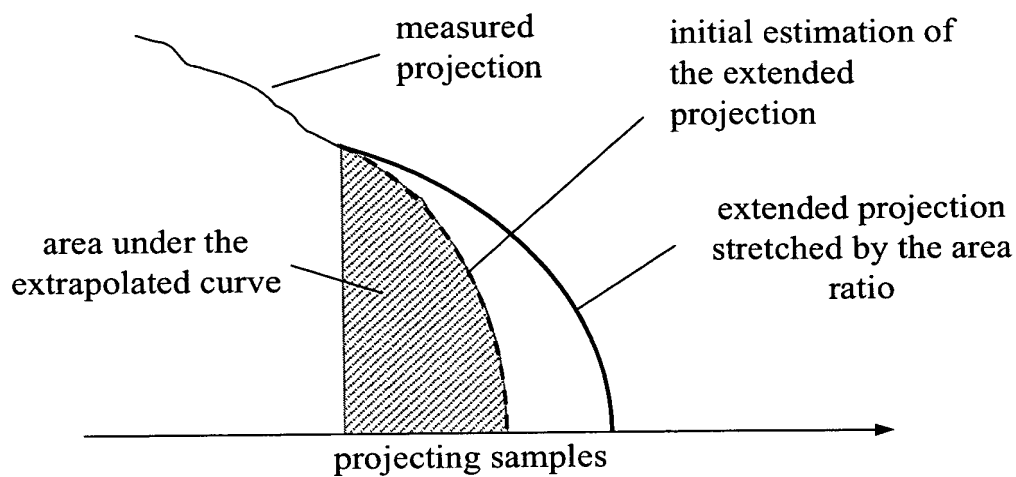
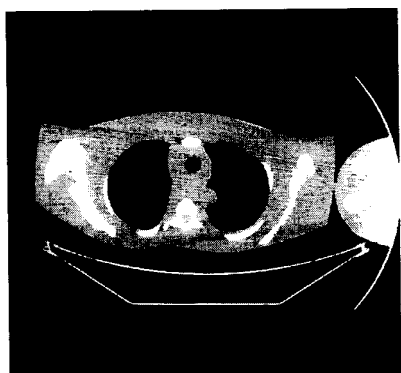
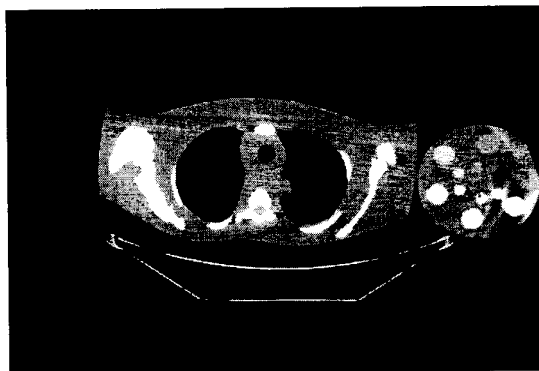


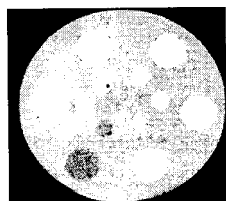
FIG. 9 Illustration of projection extension scaled by the expected total attenuation



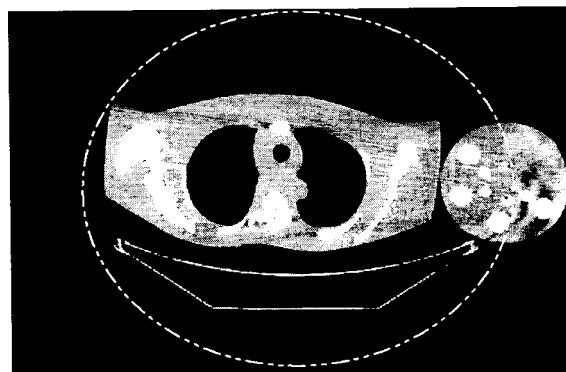
A



B



C



D

FIG. 10